

SUMMARY

The Advanced Reactors Transition (ART) Program, WBS 1.12.1.1, PBS RL-TP11, consists of the 309 Building and the Nuclear Energy (NE) Legacies activities

In January the ART mission area technical accomplishments included continued surveillance and maintenance activities on the 309 Building and NE Legacy facilities. Repairs were made to lights on the 309 Building containment dome polar crane, correcting a problem noted during an annual preventive maintenance inspection. NE Legacies deactivation activities included continued cleaning of sodium residue from T Plant tank TK-3, using the moist nitrogen process. Concentrated sodium hydroxide generated by the cleaning activity is being drained into drums for shipment to the Treated Effluent Disposal Facility (TEDF) as product. TK-3 tank cleaning is anticipated to be completed in February 2000.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones due.

ACCOMPLISHMENTS

- Continued surveillance and maintenance activities on 309 Building and NE legacies.
- Good progress continued on cleaning sodium residuals from a tank from the 221-T Building using the moist nitrogen process.

SAFETY

Specific safety data is not available at this time. However, safety data for ART is included in the statistics for the FFTF and RCP Projects.

CONDUCT OF OPERATIONS / ISMS STATUS

Specific Conduct of Operations information is not available at this time. However, all conduct of operations data for ART is included in the FFTF and RCP Projects.

ISMS STATUS

The ISMS Internal Readiness Review Plan was approved; a team was formed to assess the five functional areas in accordance with the DOE Team Leaders Handbook on conducting ISMS verifications. Training was provided to the team on the methodology for this management assessment.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

No status to report at this time.

Opportunities for Improvement

No status to report at this time.

UPCOMING ACTIVITIES

Complete the cleaning of sodium residue from T Plant tank TK-3.

Initiate cleaning of the sodium potassium (NaK) residuals from the 337B Building cold trap cooling loop.

COST PERFORMANCE (\$M):

	BCWP	ACWP	VARIANCE
Advanced Reactors Transition	\$0.4	\$0.4	+\$0.0

There is no cost variance.

SCHEDULE PERFORMANCE (\$M):

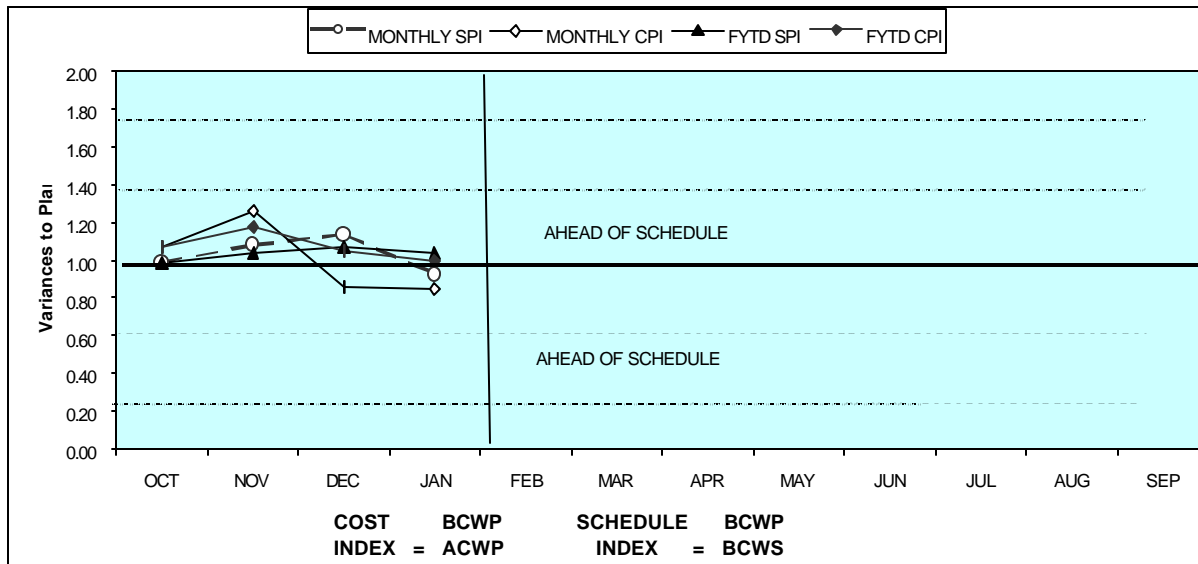
	BCWP	BCWS	VARIANCE
Advanced Reactors Transition	\$0.4	\$0.4	+\$0.0

There is no schedule variance.

FY 2000 COST/SCHEDULE PERFORMANCE – ALL FUND TYPES ADVANCED REACTORS TRANSITION WBS 1.12 CUMULATIVE TO DATE STATUS – (\$000)

Bv PBS		FYTD							PROJECTED			
		BCWS	BCWP	ACWP	SV	%	CV	%	BAC	EAC	FUNDING	
TP11	Advanced Reactors	0.4	0.4	0.4	0.0	3%	-0	-1%	1.3	0	0	Green
	Total	0.4	0.4	0.4	0.0	3%	-0	-1%	1.3	0	0	Green

ADVANCED REACTORS TRANSITION (ART) COST/SCHEDULE PERFORMANCE INDICES (JANUARY 2000 AND FYTD)



FY 2000	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY SPI	0.99	1.08	1.14	0.92								
MONTHLY CPI	1.07	1.26	0.85	0.84								
FYTD SPI	0.98	1.04	1.07	1.03								
FYTD CPI	1.07	1.18	1.05	0.99								
MONTHLY BCWS	\$79.0	\$113.0	\$88.0	\$93.0								
MONTHLY BCWP	\$78.0	\$122.0	\$100.0	\$86.0								
MONTHLY ACWP	\$73.0	\$97.0	\$117.0	\$102.0								
FYTD BCWS	\$79.0	\$192.0	\$280.0	\$373.0								
FYTD BCWP	\$78.0	\$200.0	\$300.0	\$386.0								
FYTD ACWP	\$73.0	\$170.0	\$287.0	\$389.0								

ISSUES

Issue: Low overall site priority has resulted in limited project funding.

Impacts(s): The project deactivation schedule has lengthened.

Corrective Action: Increase future funding to accelerate project completion.

COST VARIANCE ANALYSIS: (+\$0.0M)

WBS/PBS

Title

1.12/TP11 **Advanced Reactors Transition**

Description and Cause: None.

Impact: None.

Corrective Action: None.

SCHEDULE VARIANCE ANALYSIS: (+\$0.0M)

WBS/PBS

Title

1.12/TP11 **Advanced Reactors Transition**

Description and Cause: None.

Impact: None.

Corrective Action: None.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

Baseline Change Requests Currently in Process (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY00 COST IMPACT \$000	SCH	TECH	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
ART-2000-003	02/11/2000	FY 1999 Carry Over Funds and Scope	218	X	X	02/12/2000			Pending
ADVANCE WORK AUTHORIZATIONS									

ADVANCED REACTORS TRANSITION – WBS 1.2

MILESTONE ACHIEVEMENT

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones due.

Tri-Party Agreement / EA Milestones
Nothing to report
DNFSB Commitments
Nothing to report.
DOE-HQ
Nothing to report.

MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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OVERDUE – 0

FORECAST LATE – 0

FY 1999 OVERDUE - 0

PERFORMANCE OBJECTIVES

Nothing to report.

KEY INTEGRATION ACTIVITIES

Nothing to report.